

Photomosaic location is shown in the eastern hemisphere of Mars. The outline of 1:5,000,000-scale quadrangles is

photomosaics were transferred to the Transverse Mercator projection where control

The density, distribution, precision, and accuracy of available control points used for this map series are extremely variable. A block of mosaics compiled in areas of optimum control-point distribution is not likely to match adjacent blocks previously compiled in areas of sparse or imprecise control. Where discrepancies exist between adjacent mosaics, the more recent compilation is probably more accurate. No attempt was made to resolve large edge discrepancies with previous compilations. The projection is based on a Mars Transverse Mercator (MTM) system with 20° zones. The scale factor at the central meridian of the zone containing this quadrangle is 0.9960. The projection scale is based on an oblate spheroid (flattening of 1/192) with an equatorial radius of 3393.4 km and a polar radius of 3375.7 km.

NOMENCLATURE All names shown on the reduced base mosaic are approved by the International Astronomical Union (IAU, 1983) except for provisional names, indicated by an asterisk. MTM 25227 Abbreviation for Mars; Transverse Mercator projection; sheet 25227. Abbreviation for Mars; 1:500,000 series; center of sheet lat 25° N., long 227°; controlled photomosaic (CM).

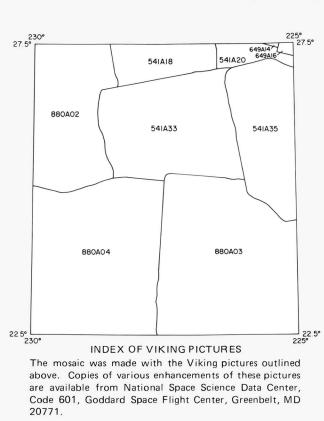
REFERENCES

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International Astronomical Union, 1983, Working Group for Planetary System Nomenclature, in 18th General Assembly, Patras, 1982, Proceedings: International Astronomical Union Transactions v. 188, p. 334–336 national Astronomical Union Transactions, v. 18B, p. 334–336.

Wu, S. S. C., and Schafer, F. J., 1984, Mars control network: American Society of Photogrammetry, in Technical papers of the 50th annual meeting of the American Society of Photogrammetry, v. 2, Washington, D. C., March 11–16, 1984, p. 456–463.



provided for reference.

LOCATION OF SELECTED FEATURES

Contrast in the reduced base mosaic was purposely suppressed to

emphasize the names.